

THE CONTRACTOR IS ADVISED THAT THE TEMPORARY SHORING SHOWN ON SHEET NO. TMP-7 OF THE TRANSPORTATION MANAGEMENT PLANS FOR BRIDGE CONSTRUCTION WILL INTERFERE WITH TWO EXISTING RCPs. THE CONTRACTOR SHOULD DESIGN THE TEMPORARY SHORING TO AVOID DAMAGE TO THESE TWO RCPs AND THE CONNECTING BOX.

Temporary Shoring No. 1 Notes on Plans

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

DESIGN TEMPORARY SHORING FROM STATION 14+18 +/- -Y-, 10.5 FT. LT. TO STATION 14+82 +/- -Y-, 10.5 FT. LT., FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 120$ PCF
 UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF
 FRICTION ANGLE, $\phi = 30$
 COHESION, $c = 0$ PSF
 GROUNDWATER ELEVATION = 955 FT

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 14+18 +/- -Y-, 10.5 FT. LT. TO STATION 14+82 +/- -Y-, 10.5 FT. LT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

AT THE CONTRACTOR*S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 14+18 +/- -Y-, 10.5 FT. LT. TO STATION 14+82 +/- -Y-, 10.5 FT. LT. SEE GEOTECHNICAL STANDARD DETAIL 1801.01 FOR STANDARD TEMPORARY SHORING.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 14+18 +/- -Y-, 10.5 FT. LT. TO STATION 14+82 +/- -Y-, 10.5 FT. LT. MAY NOT PENETRATE BELOW ELEVATION 942.5 FT. +/- . DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

Temporary Shoring No. 2 Notes on Plans

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

DESIGN TEMPORARY SHORING FROM STATION 14+18 +/- -Y-, 9.5 FT. RT. TO STATION 14+82 +/- -Y-, 9.5 FT. RT., FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 120$ PCF
 UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF
 FRICTION ANGLE, $\phi = 30$
 COHESION, $c = 0$ PSF
 GROUNDWATER ELEVATION = 955 FT

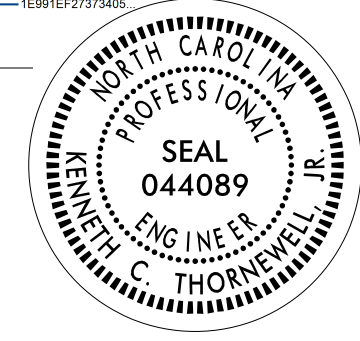

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 14+18 +/- -Y-, 9.5 FT. RT. TO STATION 14+82 +/- -Y-, 9.5 FT. RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

AT THE CONTRACTOR*S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 14+18 +/- -Y-, 9.5 FT. RT. TO STATION 14+82 +/- -Y-, 9.5 FT. RT. SEE GEOTECHNICAL STANDARD DETAIL 1801.01 FOR STANDARD TEMPORARY SHORING.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 14+18 +/- -Y-, 9.5 FT. RT. TO STATION 14+82 +/- -Y-, 9.5 FT. RT. MAY NOT PENETRATE BELOW ELEVATION 942.5 FT. +/- . DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEERING UNIT. THE DOCUMENT WAS SUBMITTED TO THE WZTC SECTION ON (8/22/2023) AND SEALED BY A PROFESSIONAL ENGINEER, (DAVID L. TEAGUE), LICENSE # (027869).

<p>APPROVED: _____ <small>Digitally signed by</small> <i>Keneth L. Thornwell, Jr., P.E.</i> <small>16091672737405</small></p> <p>DATE: 03/13/2024</p>  <p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		<p>TEMPORARY SHORING DATA</p>
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